

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

Application or Docket Number

09/877801
AFS-31565-1

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	18	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	18 minus 20 =	0
INDEPENDENT CLAIMS	2 minus 3 =	6
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	22	20	2
Independent	6	3	3
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total			
Independent			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total			
Independent			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE		RATE	FEE
BASIC FEE	355.00	OR	BASIC FEE	710.00
X\$ 9=		OR	X\$18=	-
X40=		OR	X80=	-
+135=		OR	+270=	-
TOTAL		OR	TOTAL	710

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X\$ 9=		OR	X\$18=	36-
X40=		OR	X80=	258-
+135=		OR	+270=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	294

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

FEE ONLY**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**294.00**

PTO/SB/17 (10-03)

Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Complete if Known

Application Number	09/877,801
Filing Date	June 1, 2001
First Named Inventor	Andrew S. Keys
Examiner Name	Mooney, Michael P.
Art Unit	2877
Attorney Docket No.	MFS-31565-1

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account

Deposit Account Number	14-0116
Deposit Account Name	NASA

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 98	2201 43	Independent claims in excess of 3	
1203 280	2203 145	Multiple dependent claim, if not paid	
1204 88	2204 43	Reissue independent claims over original patent	
1205 18	2205 9	Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			294.00

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity - Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1053 130	2053 130	1812 2,520	2,520	Surcharge - late provisional filing fee or cover sheet	
1804 920	2804 920	1805 1,840	1,840	Non-English specification	
1812 2,520	2812 2,520	1804 920	2804 920	For filing a request for <i>ex parte</i> reexamination	
1804 920	2804 920	1805 1,840	1,840	Requesting publication of SIR prior to Examiner action	
1805 1,840	2805 1,840	1805 1,840	1,840	Requesting publication of SIR after Examiner action	
1251 110	2251 55	1252 420	2252 210	Extension for reply within first month	
1253 950	2253 475	1254 1,480	2254 740	Extension for reply within second month	
1254 1,480	2254 740	1255 2,010	2255 1,005	Extension for reply within third month	
1255 2,010	2255 1,005	1401 330	2401 165	Extension for reply within fourth month	
1401 330	2401 165	1402 330	2402 165	Extension for reply within fifth month	
1402 330	2402 165	1403 290	2403 145	Notice of Appeal	
1403 290	2403 145	1451 1,510	2451 755	Filing brief in support of an appeal	
1451 1,510	2451 755	1452 110	2452 55	Request for oral hearing	
1452 110	2452 55	1453 1,330	2453 665	Petition to institute a public use proceeding	
1453 1,330	2453 665	1501 1,330	2501 665	Petition to revive - unavoidable	
1501 1,330	2501 665	1502 480	2502 240	Petition to revive - unintentional	
1502 480	2502 240	1503 640	2503 320	Utility issue fee (or reissue)	
1503 640	2503 320	1480 130	2480 65	Design issue fee	
1480 130	2480 65	1807 50	2807 25	Plant issue fee	
1807 50	2807 25	1808 180	2808 90	Petitions to the Commissioner	
1808 180	2808 90	8021 40	2809 385	Processing fee under 37 CFR 1.17(a)	
8021 40	2809 385	1809 770	2809 385	Submission of Information Disclosure Stmt	
1809 770	2809 385	1810 770	2810 385	Recording each patent assignment per property (times number of properties)	
1810 770	2810 385	1801 770	2801 385	Filing a submission after final rejection (37 CFR 1.129(e))	
1801 770	2801 385	1802 900	2802 900	For each additional invention to be examined (37 CFR 1.129(b))	
1802 900	2802 900			Request for Continued Examination (RCE)	
				Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**SUBMITTED BY**

Name (Print/Type)	James J. McGroarty	Registration No. (Attorney/Agent)	38960	Telephone	256-544-0013
Signature		Date	March 5, 2004		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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